

What is claimed is:

1. A computer system comprising:

P processors, where P is an integer greater than one;

a receiving module receiving a data set of data objects having N parameters, where N is an integer greater than one;

a dividing module dividing an N-dimensional data space having a separate dimension of each of said N parameters into M sub-spaces, each corresponding to a region of said N-dimensional space, where M is an integer greater than or equal to P, so each of said data set's data objects is located in one of said M sub-spaces, said means for dividing including means for dividing said space; and

an associating module associating different ones of said sub-spaces with different ones of said processors, such that each of said P processors has a different set of one or more of said sub-spaces associated with it, comprises

distributing module for distributing the sub-set of data objects located in each sub-space to the processor associated with that sub-space, and

means for causing each processor to perform a computational process on each of the data objects so distributed to said processor.

2. The computer system of claim 1, wherein the dividing module further comprises a boundary dividing module dividing said space along boundaries which are not necessarily orthogonal to said N dimensions.